

VERSION 3.0

WCC - Countryside and Foothills
Stormwater Management Code of
Practice

RDC – Management of Stormwater in
Countryside Living Zones – (Rural and
town)

- “A toolbox of methods”

Part A - Application

Prepared for



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1.1 Purpose

Waitakere City Council (WCC) and Rodney District Council (RDC) jointly commissioned this document. WCC and RDC are committed to a policy of avoiding, remedying or mitigating the adverse environmental effects associated with stormwater to the greatest possible extent.

The stormwater management methods presented are intended to provide landowners, developers, engineers and surveyors with a selection of methods capable of achieving the proper onsite management of stormwater run-off in new residential subdivisions within the Countryside Living Zones (Rural and Town) of Rodney District and the Countryside and Foothills areas of Waitakere City.

1.2 Previous Document Versions

This document supercedes the following:

- “Countryside and Foothills Stormwater Management Code of Practice – Version 2.0” February 2002, prepared for Waitakere City Council;
- “Management of Stormwater in Countryside Living Zones (Rural and Town) – A toolbox of Methods” developed by Rodney District Council and ARC.

This revised document is referred to in text as “the Code”.

1.3 Application

The Code is to provide guidance in the management of stormwater infrastructure for residential sites with lot sizes no smaller than 4000 m². Where the number of these sites clustered together as co-joined sites exceeds eight and/or the total area to be developed is less than four ha then Council may require the construction of community storm and wastewater facilities rather than the devices shown in this Code.

Compliance with the Code includes limiting the total amount of new impervious surface that can be constructed to 600 m² of impervious surface per lot. The 600 m² allowance includes driveways, shared accessways, roof areas and any other hardstand areas (e.g. patios and car parks).

Particular care is needed in the design of quantity and quality devices for new roads, whether public or private, and specific design may be required for that asset if it is to be under either public or corporate control. The Code is thus not applicable to new roads.

The stormwater management measures listed in this code are simple to use and are aimed at providing methods that are most applicable for the conditions encountered. Depending on the project location and scale, RDC, WCC or ARC will process permit applications relating to stormwater discharges.

Owners, developers, engineers and surveyors are strongly recommended to check with Council prior to assuming that any proposed development will meet the criteria to allow use of this Code.

1.4 Integrated Catchment Management Plans

Before embarking on design of a stormwater management system it is important to check with the relevant Council whether there is an Integrated Catchment Management Plan (ICMP) for the area to be developed.

ICMPs are one of the tools that Councils use to ensure that developments do not cause adverse affects within the catchment as a whole and there may be specific recommendations relating to stormwater management that need to be adhered to.

Both RDC and WCC are currently preparing ICMPs.

ICMPs have a wide scope; they cover issues identification, options analysis and recommendations for design of stormwater conveyance and treatment systems. Many studies covering catchment ecology, receiving environment values, stormwater contaminant transport, flood potential and management options feed into ICMPs.

Because ICMPs require extensive investigation and analysis they can take several years to complete. It is important to talk to the Council about the relevant ICMP even if it is not a complete document as there may be issues or stormwater management options that have been identified that affect development in the catchment and need to be considered.

If the Code is applicable it will be identified in the ICMP as a stormwater management option for a catchment. Recommendations for stormwater management presented in the ICMP take precedence over the Code.

1.5 Document Structure

The Code is segmented into three parts as it is anticipated that users will need parts but not all of the information for their projects.

- Part A- Application – Covers overview of key objectives applicable to stormwater management on rural sites, explanation of why and where the Code applies, description of device design targets, general development objectives, riparian margins, wastewater and water supply considerations and typical site layouts.
- Part B- Stormwater Management Device Design Details- Provides design information for methods supported by the Councils
- Part C- Outline of Councils requirements associated with on-site wastewater (summary of key parts of TP58) and water supply public health guidelines.